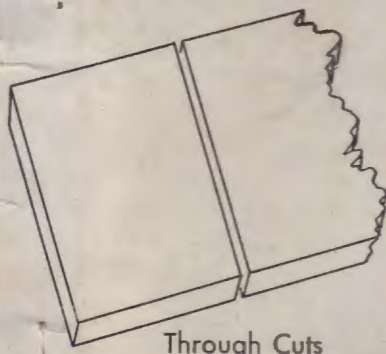


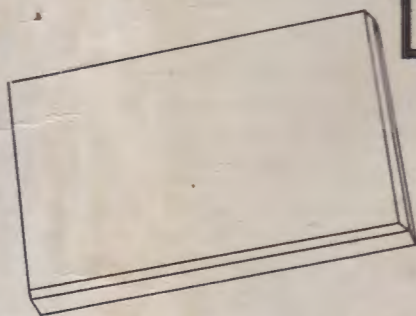
Build - - Modernize - - Ornament

with Fibre Insulating Board and

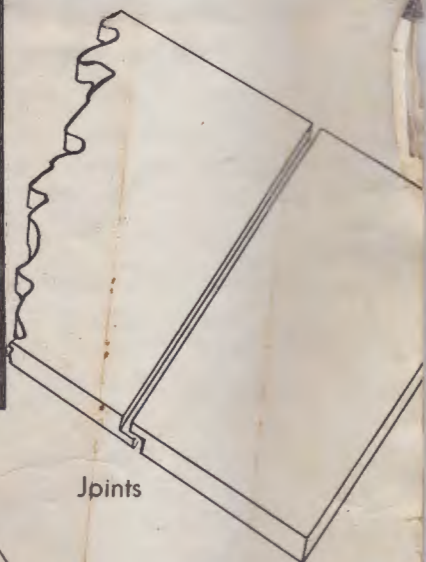
STANLEY FIBRE BOARD TOOLS



Through Cuts



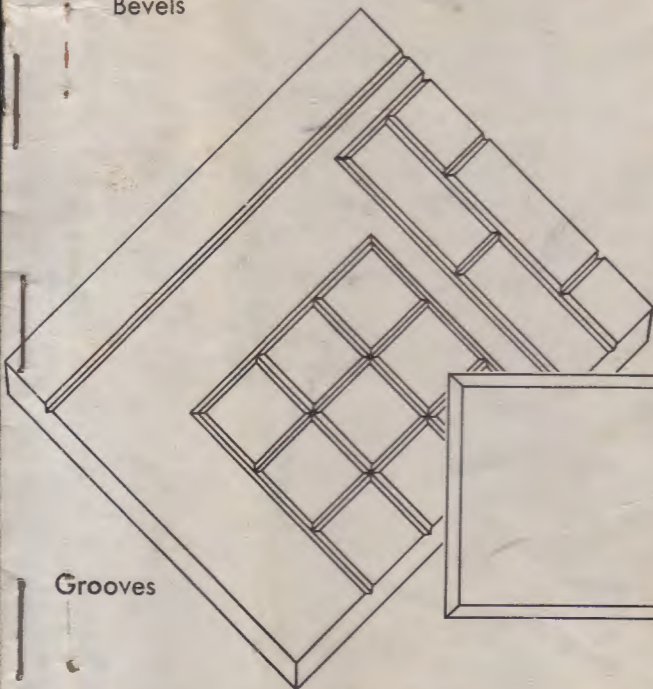
Bevels



Joints



Circles



Grooves



FIBRE Insulating Board is being used more and more extensively for new building construction, as well as for repairing and remodeling work. Everywhere — in homes, farm buildings, garages, stores, and offices — are to be seen installations of this popular building material — as building board, as insulation board, and as a finishing material that adds charm and interest to room interiors.

Perhaps you have wished to reproduce some of the beautiful wall and ceiling designs you have seen in actual installation, and in manufacturers literature, and have wondered how you could do it. It isn't difficult if you use Stanley Fibre Board Tools and follow the directions in this booklet.

Stanley Fibre Board Tools are designed for building craftsmen, by our expert designers and tool makers who worked closely with the manufacturers of fibre boards. There are no other tools on the market that can produce the variety of cuts and quality of work that are possible with these new Stanley Tools. With them you can slit, groove, bevel, and carve Celotex, Masonite Insulation Board, J. M. Insulating Board, Insulite, Beaver Board, Homosote, and other fibre insulating boards of similar texture. The designs and decorative effects that can be made with Stanley Fibre Board Tools are limited only by the user's imagination and ingenuity.

Your local hardware dealer sells Stanley Fibre Board Tools.





A Sturdy, Rigid Working Surface Is a Necessity

YOU WILL do better work on fibre insulating board if you have a sturdy, rigid, working surface. Make a practical table similar to the one illustrated.

It measures 4' wide by 10' long (large enough to take a board 4' x 8"), and the top is 32" from the floor. The top has cleats screwed on the bottom at the center and the ends. The legs consist of two saw horses braced by two boards just long enough to butt against the end cleats on the underside of the top.

Stops consisting of two thicknesses of fibre insulating board, about 1' wide and 4' long, should be squared up with the top of the table, and nailed down at either end as illustrated. These will prevent dulling the cutters.

A board the length of the table and wide enough to prevent buckling should be provided for a straight edge. In use this should be squared up with the stops, and blocked up slightly to provide a space between the straight edge and fibre insulating board being worked upon, to allow the fibre insulating board to be moved freely in and out as desired. The straight edge should be fastened on either end with C clamps.

Important: When cutting fibre insulating board, keep one board under the piece you are working on to prevent dulling the cutters. Replace the bottom board as often as necessary, and use it for new work.



STANLEY FIBRE BOARD CUTTER No. 193A

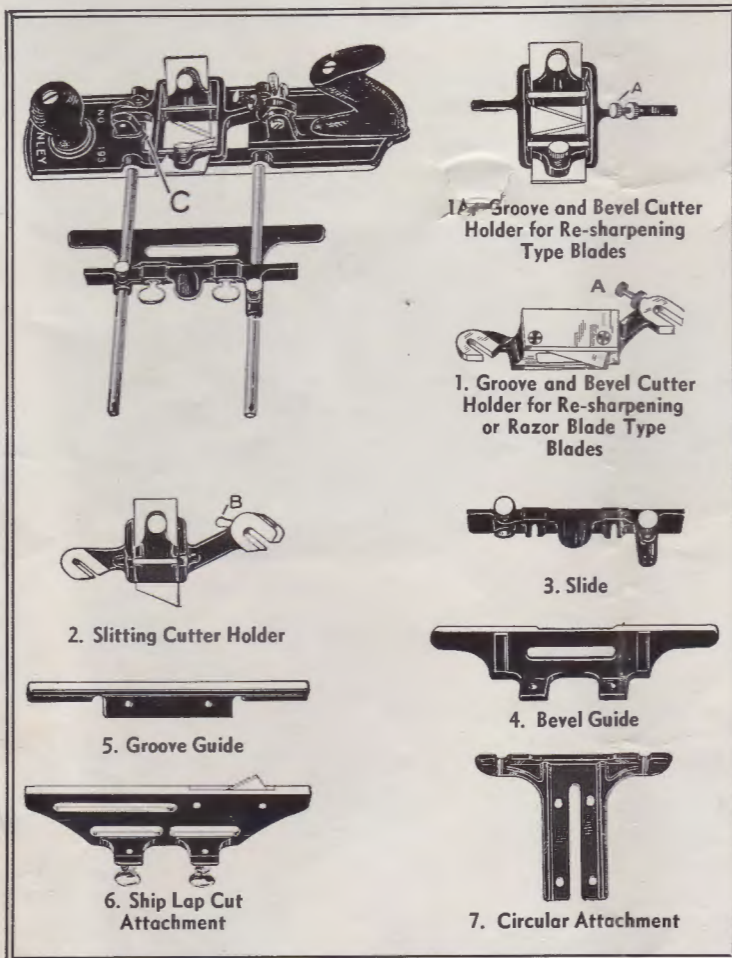
This is a quality tool designed for the artisan. It is the finest tool available for slitting, grooving, and beveling fibre insulating board of a texture similar to Celotex. It will not cut hard or "tempered" fibre board. With it you can make fibre board battens, cut ship lap joints and mitre joints, make decorative designs, such as basket weave, herringbone, ashler, tile, brick, circles, squares, diamonds and many other exactly as illustrated in the attractive literature distributed by the manufacturers of fibre insulating boards.

Craftsmen who have worked with Stanley "Bailey" Planes will be quick to appreciate this new tool. It has the same handle and knob, the same careful machining, the same "Stanley balance or hang" which makes for easier and smoother cutting. No. 193A is furnished complete with all of the attachments as illustrated, plus six razor blade type cutters, and one each of the resharpening type cutters Nos. 1, 2, 3, 4, 5, and 6. Price \$16.25. No. 193 is similar to No. 193A. Parts not included in No. 193 are: No. 1 Cutter Holder for razor blade cutters, No. 6 Ship Lap Joint Attachment, No. 7 Circle Cutting Attachment, six razor blade cutters. Price \$12.50.

EXTRA ATTACHMENTS

Prices are given below for attachments when they are ordered separately. Extra attachments, particularly Cutter Holders, save valuable set-up time.

No. 1	Groove and Bevel Cutter Holder..	\$1.90
No. 1A	Groove and Bevel Cutter Holder..	2.50
No. 2	Slitting Cutter Holder.....	1.55
No. 3	Slide70
No. 4	Bevel Guide65
No. 5	Groove Guide65
No. 6	Ship Lap Attachment.....	1.15
No. 7	Circle Attachment95
	Set of 6 Resharpening Cutters.....	3.75



Blades for Stanley Fibre Board Cutters

GROOVING CUTTERS

GROOVING CUTTERS

SLITTING CUTTER

MITRE CUTTERS

GROOVING CUTTER

Razor Blade
Type

No. 1
Left Hand

No. 2
Right Hand

No. 3

No. 4
Left Hand

No. 5
Right Hand

No. 6
Special Right Hand

They have an extremely keen edge which produces an excellent bevel cut. Because of their low price they may be discarded when they become dull. Both ends of these cutters may be used. Razor Blade Cutters are \$7.50 per 100; \$2.15 per 25.

They can be re-sharpened a great many times before they are worn out. Care must be taken in sharpening to keep the original Bevel of the cutter. \$1.00 each.

This cutter is used in the Slitting Cutter Holder No. 2. It can be ground and honed to a very keen edge, and can be re-sharpened a great many times before it is worn out. \$1.00 each.

This cutter is used in the Groove and Bevel Cutter Holders. It can be ground and honed to a very keen edge, and can be re-sharpened a great many times before it is worn out. \$1.00 each.

This cutter sets considerably farther ahead than the regular cutter. It is less liable to clog on certain materials, makes a cleaner cut, and is easier to set. In all other respects it is the same as the regular cutters. \$1.00 each.

Care of Cutters

Stanley Cutters, both the re-sharpening and razor blade type, are especially designed to cut fibre insulating board. The angles of the bevels were determined as correct and best after much experimenting and testing. When re-sharpening the blades, be sure to retain the original angle of the bevel.

Keep the cutters sharp — Good work is possible only with keen cutters. Experienced operators hone their cutters after each 150 feet of cut. Use a Lily White Stone or equivalent. A holder for honing razor blades is described on the last page.

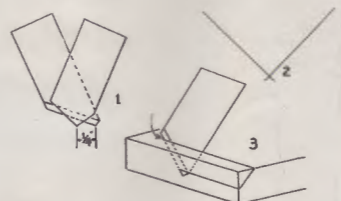
How to Insert Grooving Cutters in Holders Nos. 1 and 1A

When inserting cutters in the holders, the wide bevel of the cutter must, in all cases, be inside or away from the work (Fig. 3).

Fasten the cutters in Holder No. 1, so that the points slightly cross one another. The point of the right hand cutter should be at least $\frac{1}{4}$ " ahead of the other (Fig. 1).

Fasten the cutters in the Holder No. 1A, so that the point of one slightly crosses the point of the other (Fig. 2).

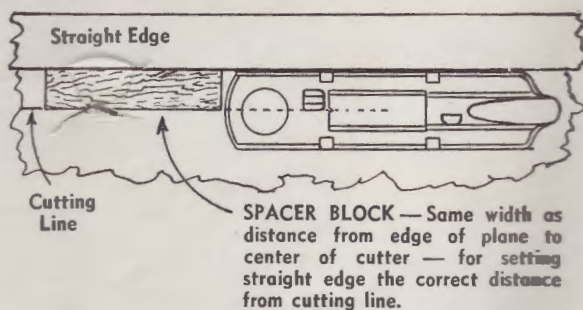
NOTE: Prices are for comparison, only; see your local hardware dealer.



How to Use the Stanley Fibre Board Cutter

Make a Spacer Block

When using the Stanley Fibre Board Cutter with a straight edge, a spacer block $1\frac{1}{8}" \times 6" \times \frac{1}{4}"$, made from tempered board, will prove to be a great convenience for setting the straight edge the correct distance from the cutting line. $1\frac{1}{8}"$ is the distance from the side of the plane to the center of the cutter.

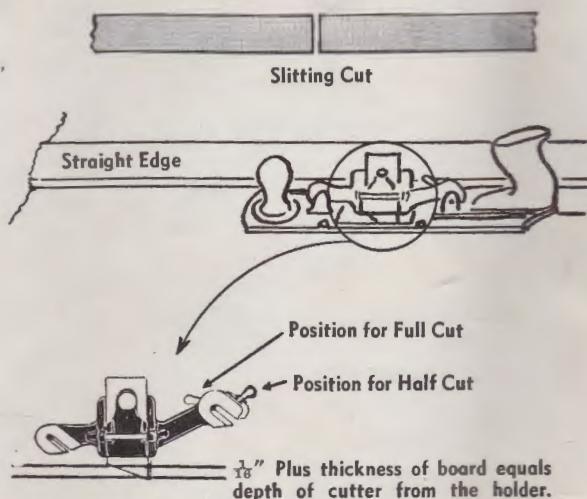


Slitting Fibre Insulating Board

(A) Working from a Straight Edge

USE: Slitting Cutter Holder No. 2
Slitting Cutter No. 3

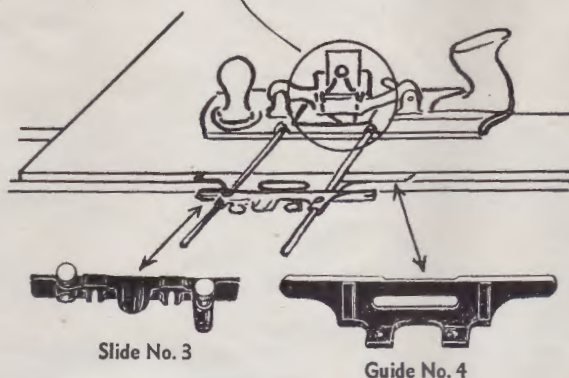
Fasten Cutter No. 3 in Holder No. 2 with the wide bevel inside or away from the work, and with the tip of the cutter protruding $\frac{1}{8}"$ more than the thickness of the board. To cut off, leaving both edges square, make two cuts — the first with lever B upright to raise the cutter holder, the second with lever B pushed forward to lower the cutter holder for full depth of cut.



(B) To Cut a Strip Less than 6 Inches Wide

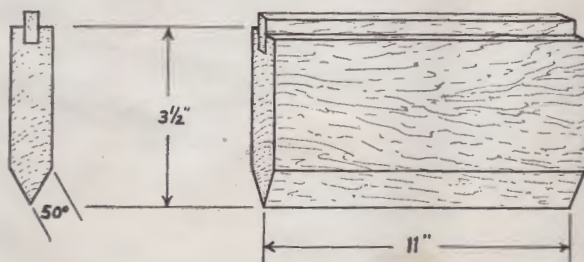
USE: Slitting Cutter Holder No. 2
Slitting Cutter No. 3
Slide No. 3
Guide No. 4

Attach the two Arms to the plane bottom, fasten Guide 4 to Slide 3, and locate them on the Arms with Guide 4 nearest the plane bottom. Adjust as desired and tighten the screws on Slide 3. Proceed as explained in A above.



Make Sanding Blocks For Smoothing Grooves

To clean and smooth grooves made in fibre board, make a sanding block as illustrated and cut it into two pieces, one $3\frac{1}{2}"$ long the other $7\frac{1}{2}"$ wide. One for No. 00, and the other for No. $1\frac{1}{2}$ sandpaper.



How to Use the Stanley Fibre Board Cutter

Grooving and Beveling

(A) To Groove from a Straight Edge

USE: Groove and Bevel Holder No. 1 with Razor Blades or Re-sharpening Type Cutters Nos. 1 and 2, or Groove and Bevel Cutter Holder 1A with Re-sharpening Type Cutters Nos. 1 and 2. The arms, slide and guides are not needed.

Adjust the cutters in the Holder as shown and explained at the bottom of page 4. Adjust for depth of cut by raising or lowering screw "A."

With this set-up you can make all kinds of line designs such as diamonds, squares, bricks, tile, parallel lines, etc.

(B) To Bevel from the Edge of a Board

USE: Cutter Holder No. 1 or No. 1A with one Grooving Cutter Slide No. 3
Bevel Guide No. 4
or Beveler No. 194 (see last page)

Place the Grooving Cutter (No. 1 or No. 2 as required, if using re-sharpening type cutters) in the Holder on the side desired. Adjust the cutter so that it extends through the bottom of the plane $\frac{3}{4}$ " more than necessary to cut the bevel required. Attach the arms to the plane bottom, fasten Bevel Guide No. 4 to Slide No. 3, and locate on the arms so that the point of the cutter will be approximately $\frac{1}{2}$ " inside the cut away portion of the Bevel Guide.

(C) To Guide from a Bevel or a Groove

USE: Groove Guide No. 5
Slide No. 3
Cutter Holder No. 1 or No. 1A with Grooving Cutters

(D) To Make Bevel Edge Battens

USE: Attachments listed in A, B, and C above
Slitting Cutter Holder No. 2
Slitting Cutter No. 3

First, bevel the edge of the board as described in B. Then, place both Grooving Cutters in Holders Nos. 1 or 1A for grooving. Replace Guide 4 with Grooving Guide No. 5, and adjust same on the arms so that the distance from the center of Guide No. 5 to Pointer "C" will be the same as the width of the batten required. If desired, the grooves can be made by guiding from a straight edge. In that case the arms, Slide No. 3 and Groove Guide No. 5 are not needed. After the required number of grooves have been made, replace Holders Nos. 1 or 1A with Slitting Cutter Holder No. 2. Lower the cutter for full depth with Lever "B," and cut through the bottom of each groove.

Cutting Mitre Joints

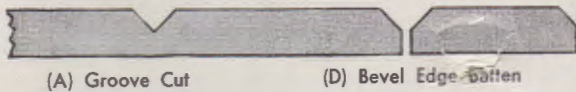
(A) Working from a Straight Edge

USE: Cutter Holder No. 1 or No. 1A
Mitre Cutters 4 and 5

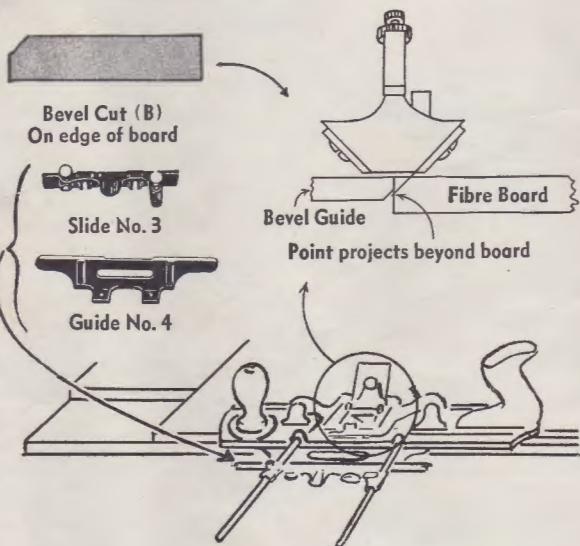
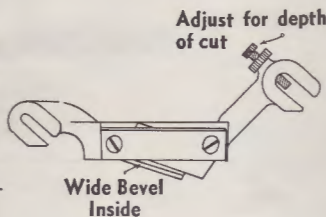
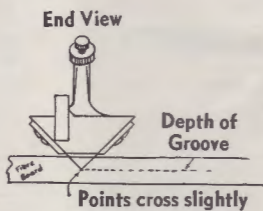
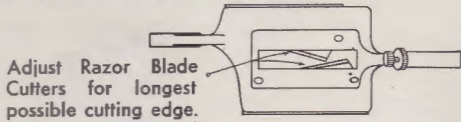
Place the mitre cutter in the side of the Groove and Bevel Cutter Holder (either right or left hand, as desired) so that the point will extend down far enough below the plane bottom to cut entirely through the piece to be mitred. This cut can be made through $\frac{1}{2}$ " stock.

(B) To Cut Off a Strip Less than 12 Inches Wide

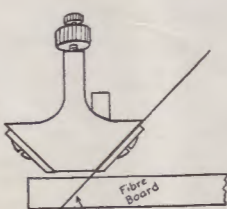
USE: Cutter Holder Nos. 1 or 1A
Mitre Cutters Nos. 4 and 5
Slide No. 3
Guide No. 4



Top View Grooving Cutter Holder No. 1



Mitre Cut



Point extends slightly through board

When one side has been mitred, turn the board over sideways and repeat on the other edge.

How to Use the Stanley Fibre Board Cutter

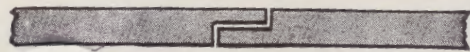
To Cut Ship Lap Joints

USE: Slitting Cutter Holder No. 2
Slitting Cutter No. 3
Ship Lap Attachment No. 6
Razor Blade Grooving Cutter
Slide No. 3

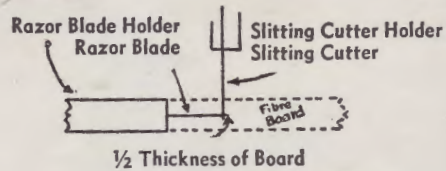
Place Slitting Cutter Holder No. 2 in the Plane with the cutter point extending down slightly more than enough to cut half way through the board. Adjust the razor blade cutter in the Ship Lap Attachment No. 6 so that the point will be slightly farther away from the face of the holder than the length of the lap required.

Attach the arms to the left hand side of the Plane. Fasten Ship Lap Guide No. 6 to Slide No. 3. Locate No. 3 on the arms so that the face of Guide No. 6 will be parallel with the bottom of the Plane, the right distance from the Slitting Cutter to give the required length of lap, and the point of the cutter in the guide will cut one-half the thickness of the board.

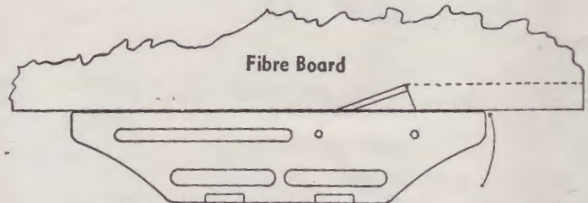
After this cut has been made, one side of the joint is finished. To prepare a board for the other side of the joint, turn it over and proceed the same as with the first board.



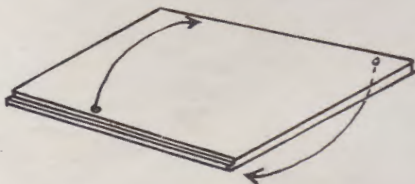
Ship Lap Joint



$\frac{1}{2}$ Thickness of Board



Ship Lap Attachment acts as a Guide and also holds the Razor Blade Cutter.



Turn the board over sidewise for second cut



Slitting Cutter Holder No. 2



Ship Lap Cut Attachment No. 6



Slide No. 3

To Make Circular Cuts

USE: Circular Attachment No. 7
Cutter Holder No. 1 with
Razor Blade or Grooving Cutters Nos. 1 and 2
or Cutter Holder No. 1A with
Grooving Cutters Nos. 1 and 2
Stanley Awl No. 1
Wood Bar as shown

Fasten the Grooving Cutters in the Holder as explained at the bottom of page 4.

Fasten the Circular Attachment to the Plane bottom by means of two screws which fit in the arm holes. Make a wood bar as shown, with holes drilled in it to give the desired radii, and attach it to the Circular Attachment with two wood screws. Use an Awl which will fit snugly in the holes in the bar, for the center of the cuts.

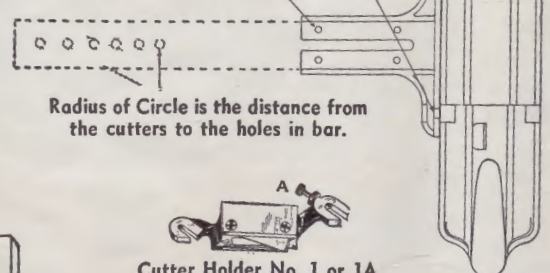
Long arches may be cut with Slitting Cutter No. 3 and Slitting Cutter Holder No. 2.



Circular Cuts

Fastened to arm holes by Screws

Wood Bar fastened by Screws



Radius of Circle is the distance from the cutters to the holes in bar.



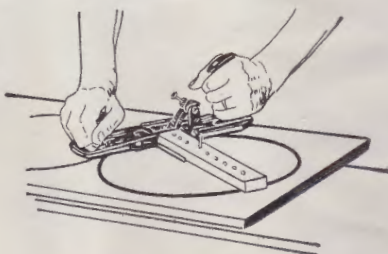
Cutter Holder No. 1 or 1A

Holes drilled for awl or nail

Length: 12" or more
Width: $1\frac{1}{4}$ "
Thickness: $\frac{3}{8}$ "

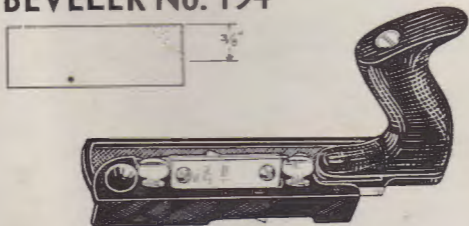
Awl No. 1

Circular Attachment No. 7



New Stanley Tools for New Materials

Tools for Cutting and Decorating Fibre Insulating Board BEVELER No. 194



A simple and practical tool for cutting chamfers (or bevels) up to $\frac{3}{8}$ " on fibre insulating board. Price \$2.50 complete with six razor blade type cutters.

HOW TO USE IT

Adjust for width of chamfer by moving the Guide toward or away from the Plane Bottom. Insert the Cutter between the steel plate and the Cutter seat so that the wide bevel is away from the work and the point of the Cutter projects $\frac{1}{2}$ " into the "Cut away" portion of the guide. In use, hold the guide against the board by pressing the left thumb in the depression in the Guide, and the side of the index finger against the side of the Guide. Push forward with the right hand.

KNIFE No. 199



A razor-edge tool that cuts through fibre insulating board with surprising ease. Use it to trim or elaborate on designs made with the Stanley Fibre Board Cutter; carve linoleum or rubber printing blocks; open cartons; cut paper, cardboard, leather, asbestos; or for any work that requires a tool of razor-edge keenness.

To obtain best results when cutting, hold the knife at a 60 degree angle to the work.

A special pointed Razor Blade type Cutter is used in this tool, but the razor blade cutters used in the No. 193A Stanley Fibre Board Cutter can also be used. The Knife is packed with six blades in the magazine of the handle. Price \$1.90. Extra Blades 65¢ for 5, \$8.75 for 100.

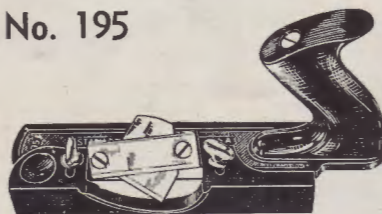
HONING TOOL No. 198

Holds razor blade type cutters, also spoke shave irons so that a correct bevel can be honed. It may also be used with a blade to scrape paint from windows, and for hundreds of other uses. Price 65¢.

To sharpen razor blade type cutters, we recommend honing with a circular motion on a Lily White Stone or equivalent



Tools for Cutting and Decorating Hard Fibre Board HARD BOARD BEVELER No. 195



This is a new tool designed especially to cut chamfers (or bevels) up to $\frac{3}{8}$ " on hard or "tempered" fibre board. Price \$2.50 complete with one heavy steel cutter.

HOW TO USE IT

Adjust for width of chamfer by moving the Guide toward or away from the Plane Bottom. Insert the Cutter between the steel plate and the cutter seat, so that the wide bevel is away from the work and the point of the cutter projects $\frac{1}{2}$ " into and above the "Cut away" portion of the guide.

Some variation in the angle of the cut can be made by shifting the angle at which the cutter is held in the cutter seat.

In use, hold the guide against the board by pressing the left thumb in the depression in the Guide, and the side of the index finger against the side of the Guide. Push forward with the right hand.

HARD BOARD FLUTING AND GROOVING TOOL No. 197



A specially designed tool for cutting flutes or grooves in hard board. By use of this simple tool designs simulating tile, brick, etc., can be made.

The blade is made of finest edge tool steel. It has two keen cutting edges honed

ready for use. The handle is made of hard maple and is fluted near the ferrule. Price \$1.15.

NOTE: Prices are for comparison, only; see your local hardware dealer.

FOR COMPLETE INFORMATION ON OTHER STANLEY TOOLS, WRITE FOR CATALOG No. 34

STANLEY TOOLS
NEW BRITAIN, CONNECTICUT

